SONY

VAIO®

Sony VAIO® R Series

High Performance, Cool Running.

VGC-RA716GY Desktop

Liquid Cooled. Just Plain Cool

Higher specs and demanding applications mean hotter running temperatures - but Sony's® advanced liquid cooling system handles heat with ease. A unique liquid flow heat pipe draws heat away from the processor with a side benefit of eliminating a noisy CPU fan. Air intake from middle section maximizes air flow while minimizing noise.

Double Layer DVD creation - You're a Pro now

Featuring advanced DVD+R Double Layer 8.5GB recording cpacity. With the ability to store up to 4 hours of high quality MPEG-2 video combined with VAIO's® Click to DVD™ creation software, you become the pro. Borrowing technology from Sony's professional systems, the best tools of the trade are in your hands.

Television at your Fingertips

Take control of your television with the personal video recorder functionality powered by Sony Giga Pocket™ Engine TV Tuner / MPEG2 encoder and Microsoft® Windows® XP Media Center Edition 2004. Watch, record, burn to DVD - you have the power.

The Advantage in the Solutions

The Sony VAIO® R Series delivers the high quality video, music, and digital imaging solutions you demand. Create your own professional quality DVDs. Master your own audio recordings or remaster older tapes or records. Watch & record television on your schedule.

The Sony VAIO® R Series exemplifies cutting edge design and superior performance. A sleek black chassis with a revolutionary liquid heat pipe cooling system. Spectacular acoustic presence and breakneck performance. Topped off with loads of expansion headroom to take your VAIO® PC experience wherever your passion leads you.

Model
VGC-RA716GY

Diplay
Sony® SDM-HS93 Flat Panel 19" LCD

HARDWARE

Processor
Intel® Pentium® 4 Processor 3.20E GHz[1] with Intel® Hyper-Threading Technology

Cache Memory
1MB Integrated On-Die Level 2

Front Side Bus Speed
800MHz

Standard RAM
1GB PC-3200 400MHz DDR
(expandable to 2.0GB)

Hard Drive
250GB[2] 7200 rpm PATA Hard Drive

DVD+RW Double Layer / DVD±RW Drive[5]
Double Layer[5]
+R
(2.4 max. +R write)
DVD±RW[5]
-RW
(8X max. -R write / 4X max. -RW rewrite / 8X max. -R/-RW read)
+RW
(8X max. +R write / 4X max. +RW rewrite / 8X max. +R/+RW read)
CD-RW
(40X max. -R write / 24X max. rewrite / 40X max. -R read / 32X max. -RW read)

DVD-ROM Drive
16X max. DVD-ROM Read / 40X max. CD-ROM read

Floppy Disk Drive
3.5" 1.44MB Floppy Disk Drive

Video & Graphics
NVIDIA GeForce FX5200 w/TV-Out
128MB Video Memory (128-bit DDR)
TV-Out / VGA-Out / DVI-Out (DVI output: 1280x1024x60Hz max.)
8X AGP 3D Graphics Hardware Acceleration
Giga Pocket™ MPEG2 Realtime Encoder/Decoder board with TV Tuner

Audio
Integrated AC'97

Ethernet
10Base-T/100Base-TX Fast Ethernet (RJ-45)

Modem
V.90 compatible data/fax modem

Expansion Slots
One 8x AGP (occupied by Graphics Card)
Three PCI (none available)
Multi-Media Card Reader (Memory Stick™, Compact Flash™ Type I and Type II, IBM Micro Drive™

Expansion Bays
Two 5.25" Half-Height (occupied)
One External 3.5" (occupied)
Two Internal 3.5" (one occupied)

Port Connections
Seven USB 2.0 (three front/four rear)
Two PS/2® (Mouse/Keyboard)
One VGA/DVI Monitor Port / TV-Out Port
One S/PDIF Out / One Parallel Port / One Line In
One 6pin i.LINK Port (rear)/ One 4pin (front)
One Headphone / One Microphone
S-Video: Two Inputs (front and rear)
Composite Video / Audio Inputs (front and rear)
Coaxial Input (VHF/UHF)

Supplied Accessories
Speakers (Stereo) w/Subwoofer
IR Remote Control and Receiver / IR Blaster
VAIO® Keyboard / PS/2® Optical Mouse

Power Requirements
364.7 watts max. / 100-120V ~4.7A (50/60Hz)

Power Management
ACPI 1.0 Compliant

Dimensions (CPU)
7.4"(W) x 15.6"(H) x 15.3"(D)

Weight (CPU)
34.172 lbs.

PRE-INSTALLED SOFTWARE

Sony Original Software
Click to DVD™ - DVD Creation
SonicStage™ Mastering Studio - Audio Mastering & Remastering
PictureGear Studio™ - Digital Photo
DVgate Plus™- Digital Video
SonicStage™ - Digital Music
VAIO Media™ - Network File Sharing

SOFTWARE

Operating System
Microsoft® Windows® Media Center Edition 2004
VAIO® recommends Microsoft® Windows® XP

Other Software Applications
Adobe® Premiere® LE
Adobe® Photoshop Elements® 2.0
Microsoft® Works® 7.0 - *Word Processing, Spreadsheet, Calendar, Scheduling, Contact Management, and Database*
Microsoft® Office® 2003 60-Day Student/Teacher Edition Trial
Intuit Quicken® 2004 *New User Edition*
InterVideo® WinDVD®
MoodLogic® 2.7 Trial[4]

Anti-Virus & Recovery Software
Norton® Internet Security™ 90 Day Subscription[4]
VAIO® Recovery Wizard
VAIO® Support Agent

Online Center
America Online® 90 Day Trial[3]

SERVICE AND WARRANTY INFORMATION

Service
One Year Limited Express Repair Service

Limited Warranty
One Year Parts and Labor[7]

Repair Service
Includes customer-replaceable part service and mail-in Sony depot service options.[8]

Telephone Support
Hardware: One Year
Software and Operating System: 90 Days

On-line and Email Support
Free support available from http://www.sony.com/pcsupport

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. New users only. Terms and conditions apply.
4. Limited duration trial edition.
5. DVD Media/Formats are not universally compatible.
6. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
7. Certain restrictions apply. For a copy of Sony's warranty, please visit www.sony.com/pcsupport, call toll-free 888-476-6972 (888-4SONYPC), or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
8. Type of repair service provided is solely at Sony's discretion. Not all types of repair service offered on all models.

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware option except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of non-Sony products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Some pre-installed software titles may not include full documentation. Software titles pre-installed on the Sony Desktop Computer are subject to change without notice. Simulated graphic shown on display.

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DVD+R DL

DVD+ReWritable

i.LINK®
(IEEE 1394)

Sony recommends Microsoft® Windows® XP Professional

Sony Electronics Inc.
For more information:
1.800.4SONYPC (476-6972)
Web address: http://www.sony.com/vaio